

## **BID SOLICITATION NOTICE**

TO RECEIVE A BID PACKAGE, BIDDER MAY EITHER DOWNLOAD THE BID FROM THE AUTHORITY'S WEBSITE AT <http://www.state.nj.us/turnpike/purchasing.html> OR REQUEST A BID BY COMPLETING THIS FORM AND FAXING IT TO THE NUMBER STATED BELOW FOR RECORD KEEPING PURPOSES. WE REQUEST THAT THE BIDDER COMPLETE THIS FORM AND RETURN TO US, EVEN WHEN BIDDER IS DOWNLOADING THE BID. THIS IS THE ONLY NOTICE OF BIDDING FOR THE FOLLOWING GOODS / SERVICES YOU WILL RECEIVE.

### **THE NEW JERSEY TURNPIKE AUTHORITY PROCUREMENT AND MATERIALS MANAGEMENT DEPARTMENT**

**New Jersey Turnpike Administrative Offices**

P.O. Box 5042

581 Main Street

Woodbridge, New Jersey 07095-5042

Tel. - 732-750-5300 Fax - 732-750-5399

### **INVITATION TO BID**

**TITLE: TREATED ROCK SALT**

**BID NO: RM-94872**

**DUE DATE: August 28, 2012**

**TIME: 11:00AM**

**SUBMIT BIDS BEFORE THE DUE DATE AND TIME TO THE ABOVE ADDRESS**

**BIDDER INFORMATION (PLEASE PRINT)**

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NAME OF BIDDING ENTITY

---

ADDRESS

---

CITY, STATE AND ZIP CODE

---

E-MAIL ADDRESS

---

REPRESENTATIVE TO CONTACT-NAME & TITLE

---

TELEPHONE NO.

---

FEDERAL TAX I.D. NO. or TAXPAYER I.D. NO.

---

FAX NO

☐ **WE HAVE DOWNLOADED THE BID FROM THE AUTHORITY WEBSITE**

**THE NEW JERSEY TURNPIKE AUTHORITY**  
**PROCUREMENT AND MATERIALS MANAGEMENT DEPARTMENT**  
**New Jersey Turnpike Administrative Offices**  
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NAME OF BIDDING ENTITY

\_\_\_\_\_  
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\_\_\_\_\_  
CITY, STATE AND ZIP CODE

\_\_\_\_\_  
E-MAIL ADDRESS

\_\_\_\_\_  
REPRESENTATIVE TO CONTACT-NAME & TITLE

\_\_\_\_\_  
TELEPHONE NO.

\_\_\_\_\_  
FEDERAL TAX I.D. NO.    or    TAXPAYER I.D. NO.

\_\_\_\_\_  
FAX NO.

\_\_\_\_\_BUSINESS CORPORATION\_\_\_\_\_PARTNERSHIP\_\_\_\_\_INDIVIDUAL

\_\_\_\_\_OTHER (SPECIFY):\_\_\_\_\_

### **BIDDER GUIDELINES/CHECKLIST**

PURSUANT TO N.J.S.A. 27:23-6.1 AND N.J.A.C. 19:9-2.1 et seq. BID PROPOSALS WHICH FAIL TO CONFORM TO THE FOLLOWING REQUIREMENTS MAY BE REJECTED:

1. Bid proposals must be received at or before the public opening time stated on the cover page at the following place: New Jersey Turnpike Authority, Administration Building, 581 Main Street, Woodbridge, New Jersey 07095. Telephone or Facsimile proposals will not be accepted. The accompanying self-addressed envelope should contain or be attached to the bid proposal.
2. The bid proposal must include all price information. Proposal prices shall include delivery of all items F.O.B. destination or as otherwise provided. Price quotes must be firm through issuance of contract.
3. All bid proposal prices must be typed or written in ink. Quote the specified unit of measure. If bidding an alternate, provide detailed specifications.
4. All corrections, white-outs, erasures, re-striking of type, or other forms of alteration or the appearance of alteration, to unit and/or total prices must be initialed in ink by the bidder.
5. The bidder must attend the mandatory site inspection at the following date(s) and time(s) if applicable:
6. **See the Authority's Instructions to Bidders for a complete list of the Authority's standard contract Terms and Conditions, as well as REQUIRED FORMS that must be included with the bid or the bid will be rejected. (SEE ATTACHED)**

#### **Have you included the following documents?**

- (a) State of New Jersey Division of Revenue Business Registration Certificate(s)
  - (b) Certification of Registration with the Secretary of State (only if a foreign (non-NJ) corporation)
  - (c) Acknowledgement of Requirement for Disclosure of Political Contributions
  - (d) Public Works Contractor Registration Certificate(s) (if applicable)
  - (e) Affirmative Action Information Sheet with Certificate or Form AA302
  - (f) Signed Mandatory Equal Employment Opportunity Language
  - (g) SBE/WBE/MBE Certificates and Form
  - (h) Vendor Disclosure Form (EO129 - Location of Services)
  - (i) Notice of Set-Off for State Tax (P.L. 1999, c.159)
  - (j) Automobile Waiver
  - (k) Insurance Requirement
7. **This Request for Bids requires the following Mandatory Documents or the bid will be rejected:**  
  
    Bid Bond and/or Letter of Surety, Cashiers Check Requirement  
    Stockholder/Partnership Disclosure Statement
  8. Bidder must sign the Bid
  9. If awarded, a Contract Bond, for 10% of the Total Bid Price.

**REQUEST FOR QUOTATION**  
**THIS IS NOT AN ORDER**

**DATE OF REQUEST:**

Sealed Proposals for Requisition RM-94872 will be received at the New Jersey Turnpike Authority Administrative Offices, 581 Main St., Woodbridge, New Jersey, as stated on the cover page at which time and place said proposal will be publicly opened and read. Bidders mailing Proposals should allow for their normal mail delivery time to ensure timely receipt of their Public Bids. Please be advised that using overnight / next-day delivery service does not guarantee overnight / next-day deliveries to our location. The Authority will not be responsible for any bid not being received by the prevailing date and time.

**INTENTION**

Quotations are solicited for the establishment of an Price Agreement commencing the date of the Purchase Order for one year for the delivery of granular sodium chloride (Rock Salt) treated with liquid magnesium chloride and organic based performance enhancer (OBPE) in accordance with the enclosed **Contract Agreement and Specifications**, to the locations listed therein. The term of the contract shall be for one year with the option to extend for two additional one-year terms at the Authority's discretion and Vendor's concurrence. Please contact Richard Bava with any questions regarding this procurement contract at 732-750-5300 X 8636.

**BID SHEET INSTRUCTIONS**

Prospective Bidders must examine the Bid Documents carefully before bidding and must ask the Director of Purchasing in writing for any interpretation or correction of any apparent ambiguity, inconsistency or apparent error therein. Any written request for interpretation or correction shall be directed to the Director of Purchasing. Written requests can be submitted by FAX at 732-750-5399. If necessary, an interpretation or correction shall be issued by the Director of Purchasing as an Addendum and FAXED to prospective Bidders who have obtained the Bid Documents. Upon the issuing of the Addendum the content of the Addendum shall become part of the Bid Documents. **Request for interpretation or correction shall be considered only if received at least 5 business days prior to the bid opening date.**

Only written interpretations or corrections issued by the Director of Purchasing, by Addendum shall be binding.

The submission of the Bid is conclusive evidence that the Bidder is fully aware of the conditions, requirements, and details as stated in the Bid Documents. If the Bidder, prior to submitting its Bid, fails to notify the Director of Purchasing of the existence of an ambiguity, inconsistency in the Bid Documents, a Bid will conclusively be presumed to have been based upon the interpretation of such ambiguity or inconsistency.

All erasures, interpolations or other physical changes on the Proposal form shall be signed or initialed by the bidder. Bids containing any conditions, omissions, erasures, alterations, or items not called for in this Request for Bids, or irregularities of any kind, may be rejected by the Authority, in its sole discretion, as being incomplete. The bidders shall not attach conditions, limitations or provisions to their Proposal, except in cases where "Exceptions" are permitted.

**The Authority will accept Approved Equivalent items on this bid.** If a bidder is basing the proposal on items other than what is specified, and wishes the items he proposes to be considered as an "Approved Equivalent", the Bidder shall enter a price on the bid sheet then submit on the Exception Sheet in the exact format of the line item on the Request for Quotation contained herein, the item number, an item description, including manufacturers name, model number, and packaging quantities of those Items which the Bidder proposes to substitute.

Bidders are requested to submit unit price quotations for Regular Delivery and Expedited Delivery, respectively. Bidders are also requested to complete the table as per the instructions below. Please see the definitions of Regular Delivery and Expedited Delivery in the Material Specifications, Section C.6. Details of the mile markers and exact location of each District can be found in Exhibit A.

All quantities of material listed on the bid sheets **are estimates**. The quantities in the Expedited Delivery Column (column D) and are in addition to the quantities shown in the Regular Delivery column (column A). The Authority will purchase amounts of any given item as needed, at the sole discretion of the Authority and shall not be bound by any quantities listed,. All items are to be bid FOB Destination. All shipping, handling, and other costs should be considered in the bid price.

### **Instructions:**

Bidders shall complete the tables for the Zones they wish to bid on. To complete the tables, enter the Unit Price (Per Ton) for Regular Delivery in column (B) for delivery to that location of Rock Salt that meets the specifications. **Bidders must enter a Unit Price for all locations in column (B).** Once column (B) is complete, multiply the Estimated Requirement in column (A) by the Unit Price in column (B) and put the result in column (C) to get the Extended Price for Regular Delivery.

Next, enter the Unit Price (Per Ton) for Expedited Delivery in column (E) for delivery to that location of Rock Salt that meets the specifications. **Bidders must enter a Unit Price for all locations in column (E).** Once column (E) is complete, multiply the Estimated Requirement in column (D) by the Unit Price in column (E) and put the result in column (F) to get the Extended Price for Expedited Delivery.

Finally, the Total Delivery Price per location should reflect the Estimated Rock Salt Regular Delivery column (C) plus the Estimated Salt Expedited Delivery column (F), put the result in column (G). Sum all the rows in column (G) to get the Total Extended Amount for that Zone. **(SEE EXAMPLE BELOW)**

### **BID SHEET EXAMPLE**

USING ZONE I OF THE QUOTATION FORM AS AN EXAMPLE:

#### **Turnpike Division - Zone I**

District	Estimated Salt Rqmt. (Tons) – Regular Delivery (A)	Delivery Location Unit Price (\$ Per Ton) – Regular Delivery (B)	Delivery Location Extended Price – Regular Delivery (C) = (A) x (B)	Estimated Salt Rqmt. (Tons) – Expedited Delivery (D)	Delivery Location Unit Price (\$ Per Ton) – Expedited Delivery (E)	Delivery Location Extended Price – Expedited Delivery (F) = (D) x (E)	Total Delivery Location Extended Price (G) = C + F
1	2950	\$25	\$73,750	450	\$28	\$12,600	\$86,350
2	3400	\$26	\$88,400	400	\$29	\$11,600	\$100,000
3	3700	\$27	\$99,900	500	\$30	\$15,000	\$114,900
						<b>Total Extended Amount</b>	<b>\$301,250</b>

**The basis for award on the given example would be \$301,250.**

## BID SHEETS

### Turnpike Division - Zone I

District	Estimated Salt Rqmt. (Tons) – Regular Delivery (A)	Delivery Location Unit Price (\$ Per Ton) – Regular Delivery (B)	Delivery Location Extended Price – Regular Delivery (C) = (A) x (B)	Estimated Salt Rqmt. (Tons) – Expedited Delivery (D)	Delivery Location Unit Price (\$ Per Ton) – Expedited Delivery (E)	Delivery Location Extended Price – Expedited Delivery (F) = (D) x (E)	Total Delivery Location Extended Price (G) = C + F
1	5600	\$		400	\$	\$	\$
2	5400	\$		400	\$	\$	\$
3	6500	\$		500	\$	\$	\$
						<b>Total Extended Amount</b>	\$

### Turnpike Division - Zone II

District	Estimated Salt Rqmt. (Tons) – Normal Delivery (A)	Delivery Location Unit Price (\$ Per Ton) – Regular Delivery (B)	Delivery Location Extended Price – Regular Delivery (C) = (A) x (B)	Estimated Salt Rqmt. (Tons) – Expedited Delivery (D)	Delivery Location Unit Price (\$ Per Ton) – Expedited Delivery (E)	Delivery Location Extended Price – Expedited Delivery (F) = (D) x (E)	Total Delivery Location Extended Price (G) = C + F
4A	4000	\$		400	\$	\$	\$
4	6000	\$		500	\$	\$	\$
5A	4000	\$		400	\$	\$	\$
5	6000	\$		500	\$	\$	\$
						<b>Total Extended Amount</b>	\$

\_\_\_\_\_  
Name of Bidder

**CONTINUED ON NEXT PAGE**

# REQUEST FOR QUOTATION

## Bid sheets (Continued)

### Turnpike Division - Zone III

District	Estimated Salt Rqmt. (Tons) – Regular Delivery (A)	Delivery Location Unit Price (\$ Per Ton) – Regular Delivery (B)	Delivery Location Extended Price – Regular Delivery (C) = (A) x (B)	Estimated Salt Rqmt. (Tons) – Expedited Delivery (D)	Delivery Location Unit Price (\$ Per Ton) – Expedited Delivery (E)	Delivery Location Extended Price – Expedited Delivery (F) = (D) x (E)	Total Delivery Location Extended Price (G) = C + F
6	6500	\$		500	\$	\$	\$
7	4500	\$		400	\$	\$	\$
8	6500	\$		500	\$	\$	\$
						<b>Total Extended Amount</b>	\$

### Parkway Division - Zone IV

District	Estimated Salt Rqmt. (Tons) – Regular Delivery (A)	Delivery Location Unit Price (\$ Per Ton) – Regular Delivery (B)	Delivery Location Extended Price – Regular Delivery (C) = (A) x (B)	Estimated Salt Rqmt. (Tons) – Expedited Delivery (D)	Delivery Location Unit Price (\$ Per Ton) – Expedited Delivery (E)	Delivery Location Extended Price – Expedited Delivery (F) = (D) x (E)	Total Delivery Location Extended Price (G) = C + F
1	6500	\$		500	\$	\$	\$
2	4000	\$		400	\$	\$	\$
Essex	3000	\$		300	\$	\$	\$
2U	4000	\$		400	\$	\$	\$
						<b>Total Extended Amount</b>	\$

\_\_\_\_\_  
Name of Bidder

**CONTINUED ON NEXT PAGE**



# REQUEST FOR QUOTATION Bid Sheets (Continued)

## Parkway Division - Zone V

District	Estimated Salt Rqmt. (Tons) – Regular Delivery (A)	Delivery Location Unit Price (\$ Per Ton) – Regular Delivery (B)	Delivery Location Extended Price – Regular Delivery (C) = (A) x (B)	Estimated Salt Rqmt. (Tons) – Expedited Delivery (D)	Delivery Location Unit Price (\$ Per Ton) – Expedited Delivery (E)	Delivery Location Extended Price – Expedited Delivery (F) = (D) x (E)	Total Delivery Location Extended Price (G) = C + F
<b>3</b>	<b>4000</b>	\$		<b>300</b>	\$	\$	\$
<b>Chevalier Ave</b>	<b>1200</b>	\$		<b>100</b>	\$	\$	\$
<b>4</b>	<b>5500</b>	\$		<b>400</b>	\$	\$	\$
<b>Asbury</b>	<b>1200</b>	\$		<b>100</b>	\$	\$	\$
<b>Herberts-ville</b>	<b>3000</b>	\$		<b>300</b>	\$	\$	\$
						<b>Total Extended Amount</b>	\$

\_\_\_\_\_  
Name of Bidder

**CONTINUED ON NEXT PAGE**

**REQUEST FOR QUOTATION  
Bid Sheets (Continued)**

**Parkway Division - Zone VI**

District	Estimated Salt Rqmt. (Tons) – Regular Delivery (A)	Delivery Location Unit Price (\$ Per Ton) – Regular Delivery (B)	Delivery Location Extended Price – Regular Delivery (C) = (A) x (B)	Estimated Salt Rqmt. (Tons) – Expedited Delivery (D)	Delivery Location Unit Price (\$ Per Ton) – Expedited Delivery (E)	Delivery Location Extended Price – Expedited Delivery (F) = (D) x (E)	Total Delivery Location Extended Price (G) = C + F
Pleasant Plains	3800	\$		300	\$	\$	\$
5	3000	\$		300	\$	\$	\$
Bass River	1000	\$		100	\$	\$	\$
6	2000	\$		200	\$	\$	\$
Great Egg	1000	\$		100	\$	\$	\$
7	2000	\$		200	\$	\$	\$
						<b>Total Extended Amount</b>	\$

**The Contract(s) will be awarded to the lowest responsible bidder with the lowest Total Extended Amount per each individual Zone (I-VI).**

**ANY INQUIRIES CONCERNING THIS BID MUST BE SENT VIA FAX NO LATER THAN FIVE (5) BUSINESS DAYS BEFORE BID OPENING**

DELIVERY DATE \_\_\_\_\_, to sites as specified in the bid specifications.  
Discount Terms Based On Net 30 Days Only.

**NEW JERSEY TURNPIKE AUTHORITY**

\_\_\_\_\_  
**AUTHORIZED SIGNATURE**

\_\_\_\_\_  
Name of Company and / Authorized Signature of Bidder

# NEW JERSEY TURNPIKE AUTHORITY

## **NO RESPONSE BID SURVEY**

**BID REQUISITION NUMBER: RM-94872**

**PROPOSAL TITLE: Treated Rock Salt for the New Jersey Turnpike Authority Roadways & Bridges**

If you do not choose to respond to this Bid, please complete the form below:

Name of Company\_\_\_\_\_

Reason you did not respond (Check all that apply)

- \_\_\_\_\_ Cannot supply product or service
- \_\_\_\_\_ Cannot meet technical specifications
- \_\_\_\_\_ Cannot meet delivery specifications
- \_\_\_\_\_ Cannot meet legal requirements  
(i.e. bid/performance/security/insurance, etc.)
- \_\_\_\_\_ Cannot provide a competitive price at this time
- \_\_\_\_\_ Interested in receiving specifications for informational purposes only.
- \_\_\_\_\_ Insufficient lead time to respond
- \_\_\_\_\_ Other :( please be specific)

Do you wish to remain on our mailing list?

\_\_\_\_\_Yes      \_\_\_\_\_No

Additional comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signed: (optional)\_\_\_\_\_

Company:\_\_\_\_\_

## **SIGNATURE PAGE**

**ADDENDA / INQUIRIES:** COMPLETE (if applicable) BEFORE SUBMITTING BID:

Receipt of Addendum / Inquiries # \_\_\_\_\_ dated \_\_\_\_\_ is  
hereby acknowledged.

Receipt of Addendum / Inquiries # \_\_\_\_\_ dated \_\_\_\_\_ is  
hereby acknowledged.

☐

**CHECK BOX IF NO ADDENDA/INQUIRY ISSUED**

(All Addenda / Inquiries must be acknowledged as indicated above.)

**BID IRREVOCABLE:** This offer shall be irrevocable for ninety (90) working days after the date on which the Authority publicly opens this bid except in those instances where an unsuccessful bidder has filed a Protest pursuant to N.J.A.C. 19:9-2.12. Upon notification of a Protest, Bidders are required to hold their prices for an additional 90 days. All bidders will be notified in writing of the action taken by the Authority.

**OFFER/CERTIFICATION:** The undersigned offers and agrees to furnish to the New Jersey Turnpike Authority the services and/or materials in compliance with all terms, conditions, specifications and addenda of the RFB, Bid Documents, and resulting contract. The undersigned further certifies understanding and compliance with the requirements of the standard terms and conditions as stated in the Instructions to Bidders included with the Bid Documents. The undersigned certifies that he or she executes this bid with full authority so to do; and that all statements contained in this bid and in this certification are true and correct, and made with full knowledge that the Authority relies upon the truth of the statements contained herein and in any statements requested by the Authority showing evidence of qualifications in awarding the contract.

I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me are willfully false, I am subject to punishment.

**AUTHORIZED SIGNATURE:** \_\_\_\_\_

Print Name and Title: \_\_\_\_\_

Bidding Entity: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Telephone #: \_\_\_\_\_ Fax: \_\_\_\_\_

Date: # \_\_\_\_\_

**NEW JERSEY TURNPIKE AUTHORITY**

**\*\*\*\*\***

**DRAFT AGREEMENT**

**GRANULAR SODIUM CHLORIDE TREATED  
WITH LIQUID MAGNESIUM CHLORIDE  
AND ORGANIC BASED PERFORMANCE ENHANCER (OBPE)  
PER SPECIFICATION**

**CONTRACT NO(S):**\_\_\_\_\_

THIS AGREEMENT, dated \_\_\_\_\_, by and between the New Jersey Turnpike Authority, a body corporate and politic of the State of New Jersey having its principal office at 581 Main Street, Woodbridge, New Jersey (the "Authority") and \_\_\_\_\_,

a corporation of the State of \_\_\_\_\_, having principal offices located at \_\_\_\_\_ (the "Contractor").

WITNESSETH, that the Contractor, for and in consideration of the payments hereinafter specified, hereby covenants, and agrees to furnish the labor, materials, equipment and insurance to supply Treated Rock Salt for the New Jersey Turnpike and the Garden State Parkway, in strict conformance with the Specifications attached hereto and made a part hereof.

The term of the contract shall be for one year (unless earlier terminated as provided in the Specifications) with the option to extend for two additional one-year terms at the Authority's discretion and Vendor's concurrence.

The Contractor agrees to make payment of all proper charges for labor and materials required in the aforementioned work, and to defend, if so directed by the Authority, and to indemnify and save harmless the Authority, its officers, employees and agents against and from all damages and liabilities, threatened, pending or completed actions, proceedings or suits of every kind and all costs incurred in the defense, settlement or satisfaction thereof (including attorney's fees and court costs), including damages and liabilities, actions, proceedings, suits, costs, claims and judgments of officers, employees or agents of the Contractor and of his subcontractors, and all damages, liabilities, actions, proceedings, suits costs, claims or judgments to which the Authority or any of its officers, employees, or agents may be subjected by reason of injury to the person or property of others resulting from the performance of the Project, or the acts or omissions, whether negligent or not, of the Contractor, its officers, employees, or agents, servants, employees and subcontractors; or of the Authority, its officers, employees and agents, ore of third persons, or through any improper or defective machinery, implements or appliances used in the Project; and he shall further defend, it so directed by the Authority, indemnify and save harmless the Authority, its officers, employees and agents from all damages, liabilities, actions, proceedings, suits, costs, claims or judgment of any kind, which may be brought or

instituted by any subcontractor, material man or laborer who has performed work or furnished materials in or about the Project or by, or on account of, any claims or amount recovered for any infringement or trademark or copyright. So much money due to the Contractor under and by virtue of the Contract as shall be considered necessary by the Authority may be retained by the Authority and held until such suits, proceedings, actions, claims or amounts shall have been settled, and suitable evidence to that effect furnished to the Authority. The obligations of this paragraph shall survive the expiration, termination or rescission of this Contract.

In consideration of the premises, the Authority hereby agrees to pay, as sole compensation for the performance of the services as hereinafter defined, payments for the actual quantity of authorized work performed, to be made in accordance with the Specifications, entitled Quantity and Payment, and the attached rate schedule.

This Agreement is to be binding upon the Authority, its successor or successors, and upon the Contractor and its heirs, executor, administrators, successor or successors, and is voidable and may be terminated by the Authority, in accordance with the terms of the Specifications, or upon violation by the Contractor of any statute relative thereto.

IN WITNESS WHEREOF, the parties have caused their duly authorized representatives to execute this agreement and to affix their respective corporate seals thereto on the day and year first above written.

ATTEST:

NEW JERSEY TURNPIKE AUTHORITY

\_\_\_\_\_  
Sheri Czajkowski  
Assistant Secretary

BY \_\_\_\_\_  
Veronique Hakim  
Executive Director

[Corporate Seal]

ATTEST:

\_\_\_\_\_  
NAME  
Title

BY \_\_\_\_\_  
NAME  
Title

[Corporate Seal]

## **Contract and Material Specifications**

### **A. Purpose and Intent**

It is the purpose of the New Jersey Turnpike Authority (the “Authority”) to bid for its approximate 108,700 tons of granular sodium chloride (Rock Salt) treated with liquid magnesium chloride and organic based performance enhancer (OBPE) per specifications for the New Jersey Turnpike (the “Turnpike”) and the Garden State Parkway (the “Parkway”).

The intent of the Authority is to award a contract to those responsible bidders whose bid proposals, conforming to this request for proposal, is most advantageous to the Authority. The intent is to select Contractor(s) to deliver Premixed Rock Salt per specifications to specific zones of Maintenance Locations. These zones are represented in the pricing description tables in the Request for Quotation document. The term of the contract shall be for one year with the option to extend for two additional one-year terms at the Authority’s discretion and Vendor’s concurrence, at the same terms and conditions. Any price increases in extension option years are to be capped by the consumer price index.

The intended use of this product would be to treat roadways for snow and ice control.

Any product the Contractor will supply the Authority must meet current OSHA standards.

### **B. Pricing Description and Requirements**

#### **1. Pricing Description and Basis for Award**

The Authority will award the Contract(s) based on the lowest responsible bid price received within each of the six delivery zones. Therefore, it is possible to award up to six (6) separate contracts. **Bidders are required to bid each line item per area.** The Authority reserves the right to select different Contractors for each delivery zone. The delivery locations are shown in Exhibit A.

#### **2. Pricing**

Bidders shall state their prices for Premixed Rock Salt on the attached “Request for Quotation”. Bidders shall specify a unit price for **EACH** location within a zone. The pricing for each location should be entered in the corresponding pricing column. Please note that a requirement of Regular Delivery is 3 days from the date of request whereas Expedited Delivery requires the product to be delivered within 12 hours. Bidders must bid **both delivery** methods in bidding a zone.

Delivery zones are comprised of one or more locations, and submission of a bid implies the Contractor will fulfill all locations in that delivery zone at the stated bid prices.

#### **3. Pricing Descriptions**

The contractor shall provide Rock Salt in accordance with the attached specifications in Section E. Contractors will provide pricing based on the format within the Authority “Request for Quotation” Sheet. The Request for Quotation sheet should be completed and returned with the submission of the bid package.

***Evaporated, Solar, or other salt shall not be furnished in lieu of Rock Salt.***

## **C. Delivery Description and Requirements**

### **1. Delivery Locations**

The Authority has 20 Maintenance Districts and five (5) auxiliary locations on the two roadways. Each of these locations has a salt storage facility located on the premises for use in snow/ice removal. The delivery locations and mile marker locations are detailed in Exhibit A.

### **2. Minimum Order**

There is a minimum order of 200 tons per individual location (not zone) for Regular Delivery orders. There is a minimum of 100 tons per individual location for an Expedited Delivery order.

### **3. Order Placement**

All orders will be placed by fax or phone call. The official order date shall be the date of the call or fax transmittal if received by the Contractor before 2:00 p.m. (all order times reflect Contractors' time) and the next day if received by the Contractor after 2:00 p.m. The Contractor shall fax back to the Maintenance department employee who placed the order a confirmation of receipt and an estimate of the order shipment date within 2 business hours. Business hours will be defined as Monday through Friday, 8:00 AM to 4:00 PM. The Contractor will also need to provide 24 hour access to a contact person of the Contractor, either via cell phone or another method approved by the Turnpike Authority. This contact line must be available during after business hours, weekends, and holidays, from October 15 through April 30 of the contract term.

### **4. Deliveries**

Delivery shall be made in accordance with instructions on faxed order releases from the Authority delivery locations. If there is a discrepancy between the order release and what is listed on the contract, it is the **Contractor's obligation** to seek clarification from the ordering agency and, if applicable, from the Authority's Purchasing Department.

Multiple orders placed for the same delivery location will be viewed as a single order still subject to the overall 200 tons per day minimum delivery for Regular Delivery and 100 tons per day for Expedited Delivery.

Product shall be shipped in bulk delivery. All shipments of product shall be totally covered with a waterproof tarpaulin or similar sheeting material. Torn or ripped coverings may be cause for rejection of shipment. Also, evidence of free flowing water/brine in particular shipments may be cause for rejection. Product shall be received in a free-flowing and usable condition.

All shipments of salt shall be accompanied by a weight ticket of a licensed weigh master indicating the producer, net weight of the delivery, and in the case of bulk delivery, the stockpile source. The certification must bear the weigh master's signature; weights shall be recorded from a scale equipped with a weight printing device. Handwritten weights are not acceptable.



## 5. Material Suitability and Liability

Any loads found to be contaminated may be subject to rejection with all related cleanup and/or replacement costs to be borne by the contractor.

Deviation from specifications may result in rejection of any delivery. All costs associated with rejected deliveries will be the responsibility of the contractor. Should a product be found to be contaminated (after application), with non-specified elements, and become cause for environmental concerns, that necessitate clean-up of yards, storage facilities, or roadsides, etc., the contractor shall be responsible for any, and all expenses incurred.

## 6. Delivery Time Requirements

Regular deliveries shall be made during normal working hours (Monday through Friday between the hours of 8:00 A.M. and 4:00 P.M.), unless otherwise requested or agreed to by the Authority employee who requested the material.

The contractor's trucks shall be responsible for all tolls incurred during the delivery of product. Any entrance and exit from the same interchange will constitute an illegal U-turn, and will result in the highest possible tariff being charged.

### a) Regular Delivery:

Delivery shall be made on or within three (3) calendar days or less on all orders received by the contractor during the time of October 15 to April 30 and 15 calendar days or less on orders placed during other months. Delivery will be allowed during the weekend and holidays only if the ordering agency deems it necessary. No additional remuneration will be made for a Saturday, Sunday, or Holiday delivery.

In the event the bidder fails to deliver within the required number of calendar days, **a 10% reduction off the bid price per day will be assessed for each day of delay, starting on day 4 in the winter season or day 16 in the summer season, and continuing until delivery is made.** The late delivery fee assessment will be deducted from the payment of the invoice for the specific load of product not delivered according to the terms of this agreement. Late deliveries may result in contract termination.

### b) Expedited Delivery:

Due to the critical need for this product during a snow or ice event, the successful bidder shall provide a price to all locations bid, to replenish Rock Salt within 12 hours of receiving notification from the Authority for delivery orders. The Authority will have personnel available to accept delivery of product 12 hours (maximum) following request for delivery.

Delivery shall be made on or within twelve (12) hours or less on all expedited orders received by the Bidder during the time of October 15 to April 30. **In the event the bidder fails to deliver within the required number of hours, a 20% price adjustment per day will be assessed for each day of delay, starting 12 hours after the initial order. Every following day of non-delivery will incur an additional 20% price reduction off the bid price. If the delivery is not made in three (3) days, the pricing will revert to that of a Regular delivery or a reduction of 40% off the Expedited Delivery bid price, whichever is less. Late delivery fees for Expedited Delivery product will be capped at three days.** The late delivery fee assessment will be deducted from the payment of the invoice for the specific load of product not delivered according to the terms of this agreement.

## **7. Delivery and Documentation**

Each bid shall be accompanied by a current MSDS sheet. This stipulation is extremely important, and **MSDS sheets for all products offered in the bidding process must be attached to the bid.**

## **8. Bill of Lading**

The bill of lading for each shipment must contain the following information.

1. Name of product.
2. Supplier and manufacturer of product.
3. Delivery Destination and Authority Division (Turnpike or Parkway)
4. Total number of tons being delivered.
5. Type of Delivery (Regular or Expedited)
6. Total weight of delivery using a certified scale ticket. The Authority may at any time choose to spot check a delivery of product by having the load weighed on certified scales before and after delivery to insure the accuracy of the flow meter. No additional cost will be charged to the Authority for spot-checking deliveries of products.

## **9. Invoice Processing**

Payments cannot be processed by Authority facilities until the contract products have been delivered in satisfactory condition or services have been satisfactorily performed. Payment will be based on any invoice used in the supplier's normal course of business. However, such invoice must contain sufficient data including but not limited to contract number, description of product or service, quantity, unit and price per unit as well as federal identification number.

While it is permissible to have one invoice for multiple deliveries for a roadway division in a billing cycle, the bill must be for one roadway division only. No single invoices containing deliveries for both the Parkway and Turnpike divisions will be paid. Invoices must be sent to the correct roadway division.

The Authority will not process invoices for payment until the contractor has met all requirements under this section. All invoices shall include the following:

1. A copy of the original bill of lading, signed by the Turnpike or Parkway representative and the driver.
2. Contract unit of measure.
3. Total number of units delivered.
4. Delivery location (and Authority Division (Turnpike or Parkway)
5. Contract unit price for product delivered.
6. Type of delivery (Regular or Expedited)
7. Total price for units delivered.

## **10. Report of Contract Purchases:**

The Contractor(s) shall furnish report of purchases made from the contract every month from the months of October to April during the contract period.

The reports shall be in the following format:

Contractor Name	Division	Delivery Location	Material Type	Expedited or Regular Delivery	Date Delivered	Amount Delivered	\$ Per Ton	Total \$ Cost
ABC	Turnpike	District 4A	Rock Salt w/obpe	Regular	12/01/12	400	\$30	\$1,200

The report is to be submitted to the Maintenance Manager of each roadway. These reports shall reference the commodity, group number, the Contract Award number, contract number, sales period and Contractor's name. Failure to submit the required report may be cause for disqualification of contractor for future contracts and/or delays in paying invoices.

## **D Other Contract Conditions**

### **1. Contract Period and Renewals**

The contract prices shall remain firm for **one (1)** year. Should the Authority exercise its option to extend the contract for additional years, the rate may be adjusted, upon request, by any increase in the average Consumer Price Index for the combined New York City /Northern New Jersey and Philadelphia/ Wilmington/ Southern New Jersey metropolitan areas.

The benchmark for the calculation purposes shall be the difference in the CPI from May 2011 to April 2012 and May 2012 to April 2013. The contract prices shall remain firm for one (1) year. Note: however, the maximum increase permitted for any optional year shall be five percent (5%).

Note also that should the average CPI decrease between May 2012 and April 2013 etc., the Contractor's rate shall remain the same as for the option year(s) of the contract, i.e., there will be no decrease.

### **2. Dispute Resolution Policy**

It is the policy of the Authority to provide contractors with an opportunity to administratively resolve disputes, complaints or inquiries related to the Authority bid solicitations or contract awards. The Authority encourages contractors to seek resolution of disputes through consultation with the Authority Purchasing Department. All such matters will be accorded impartial and timely consideration. Interested parties may also file formal written disputes.

### **3. Short Term Extension**

In the event the replacement contract has not been issued, any contract let and awarded hereunder by the Authority, may be extended unilaterally by the Authority for an additional period of up to one month upon notice to the contractor with the same terms and conditions as the original contract including, but not limited to, quantities (prorated for such one month extension), prices, and delivery requirements. With the concurrence of the Contractor, the extension may be for a period of up to three months in lieu of one month. However, this extension terminates should the replacement contract be issued in the interim.

## **MATERIAL SPECIFICATIONS**

### **TREATED ROCK SALT FOR USE ON NEW JERSEY TURNPIKE AUTHORITY ROADWAYS AND BRIDGES**

#### **GRANULAR SODIUM CHLORIDE TREATED WITH LIQUID MAGNESIUM CHLORIDE AND ORGANIC BASED PERFORMANCE ENHANCER (OBPE)**

##### **Intent:**

It is the intent of this specification to describe a mixture of Sodium Chloride Type “A” crushed rock salt treated with Liquid Magnesium Chloride and OBPE or New Jersey Turnpike Authority approved equivalent. The liquid treatment is intended to enhance the performance of the regular rock salt over untreated salt by reducing corrosiveness, improving low temperature performance, reducing bounce and scatter, preventing clumping, salt pile freezing and enhancing flow ability. The treated salt is handled, spread and stored by using the same equipment that is used for untreated salt. The intended use of the treated salt is to facilitate snow and ice prevention and removal on New Jersey Turnpike and Garden State Parkway roadways, bridges parking lots and sidewalks.

##### **Description:**

The finished product shall be composed of two primary constituents:

- 1) Crushed rock salt as described and specified in Section A below.
- 2) Liquid magnesium chloride and liquid organic based performance enhancer (OBPE) as described in Section B below.

The two components shall be mixed to produce a finished product as described in Section C. The final product shall meet all the requirements described in Section D and E.

## **Section A**

### **Sodium Chloride Type “A” Crushed Rock Salt Specifications**

The crushed rock salt used in the preparation of the final product shall meet the following requirements.

#### **A.1 CONTAMINATION**

Upon inspection, the material shall be uniform in appearance, free flowing and free from visual evidence of foreign matter including but not limited to dirt, stone, chips, trash or any other material that could reasonably be expected to interfere with the use, handling or storage of the salt.

#### **A.2 CHEMICAL COMPOSITION**

The rock salt shall be not less than 95% Sodium Chloride. Percent of Sodium Chloride shall be determined in accordance with current ASTM-D-632.

#### **A.3 SIZE GRADING**

The rock salt, when tested using sieves as described in ASTM-C-136 (\*) shall conform to the following requirements for particle size distribution:

<u>Sieve Size</u>	<u>Percent Passing (**)</u>
1/2" - (12.5 MM)	100
3/8" - (9.5 MM)	95 - 100
No. 4 - (4.75 MM)	20 - 90
No. 8 - (2.36 MM)	10 - 60
No. 30 - (600 Microns)	0 - 15

\* - A drying temperature of  $110^{\circ}\text{C} \pm 5^{\circ}\text{C}$  should be used.

\*\* - Tolerance of 5 percentage points on the maximum value of the range for each sieve except 1/2" (12.5 mm) and 3/8" (9.5 mm) sizes, on which no tolerance will be allowed.

#### **A.4 MOISTURE CONTENT**

Moisture content of the rock salt shall not exceed 1-1/2%\* when determined as follows:

$$\% \text{ Moisture} = (W_1 - W_2) / (W_1) \times 100$$

where:  $W_1$  = Initial weight of sample

$W_2$  = Weight of sample after drying to a constant weight at  $110^{\circ}\text{C} \pm 5^{\circ}\text{C}$ .

\* Procedure shall be in accordance with American Water Works Association B200-88, Section 4.3. A tolerance of 0.5% will be allowed before a non-complying product -moisture - price deduction is assessed.

## **A.5 SAMPLING**

Sampling shall be done in accordance with current ASTM-D632. The New Jersey Turnpike Authority, or any of its authorized representatives, reserves the right to take samples from the contractor's stockpile or transfer point.

## **A.6 ACCEPTANCE**

The rock salt may be rejected if it fails to conform to any of the requirements of this specification.

## **A.7 NON-COMPLYING PRODUCT- PRICE DEDUCTIONS**

### **A.7.1 Non-Complying Product - Price Deduction - Moisture**

If the moisture content of the rock salt is found to be above 2.0 %, a deduction for moisture content will be made from the delivered bid price based on the following formula:

Reduced Price/Ton = Delivered Contract Price/Ton x (1.02 - 2X)

Where: X = Moisture content of the sample (expressed as the decimal equivalent of the percentage of the moisture content to the nearest 1%)

### **A.7.2 Non-Complying Product - Price Deduction - Gradation (Particle Size Distribution)**

If, after delivery, the gradation of the rock salt is found to be out of tolerance, a deduction from the price shall be made based on the following formula:

Reduced Price/Ton = Delivered Contract Price x (1.00 - Y)

where: Y = the decimal equivalent of the total percentage of the sample out of gradation. The percentage out of tolerance, for the sample, for each sieve shall be to the nearest 1%. The sum, as described in section A.3, of the individual sieve tolerance deviations shall be used as Y.

### **A.7.3 General**

A non-complying product - price deduction is not to be assessed unless the proper analysis and test procedures are followed. If the contractor consistently delivers salt found to be above 2% moisture content or consistently not conforming to the gradation requirements, the contract shall be subject to cancellation either in whole or in parts.

## **A.8 CALCULATIONS**

Calculations performed relative to this specification shall be made using the rounding off method of "ASTM Recommended Practice E-29 for Designating Significant Places in Specified Limiting Values".

**Section B**  
**Liquid Magnesium Chloride and OBPE**

BIDDER SHALL SUPPLY BRAND NAME AND MANUFACTURER'S NAME OF THE LIQUID MAGNESIUM CHLORIDE AND OBPE THEY PROPOSE TO SUPPLY:

BRAND

NAME=\_\_\_\_\_

MANUFACTURED BY

\_\_\_\_\_

Material used for this component of the finished product shall be a 1 to 1 blend of liquid magnesium chloride and liquid OBPE sufficient to allow the finished material to meet the specific requirements and performance criteria listed below.

**Note:** Sections B1 and B2 apply only to products offered that **do not** have a Beneficial Use Determination (BUD) from New Jersey Department of Environmental Protection. **HOWEVER, ALL PRODUCTS MUST CONTAIN 250 PPM OR LESS PHOSPHORUS WITH OR WITHOUT BENEFICIAL USE DETERMINATION, NO DILUTIONS ALLOWED PRIOR TO PHOSPHORUS TESTING.**

B.1 Bids shall not be accepted on any product that contains constituents in excess of the following established total concentration limits. Results are stated as Parts Per Million (ppm). If product exceeds any of the following constituents then the bidder shall identify the exception(s) and explain any mitigating circumstances. The New Jersey Turnpike Authority reserves the right to evaluate these exceptions and make a determination of product eligibility based on the best interests of the Authority.

Phosphorus	250.00 ppm	Chromium	0.50 ppm
Cyanide	0.20 ppm	Cadmium	0.20 ppm
Arsenic	5.00 ppm	Barium	10.00 ppm
Copper	4.00 ppm	Selenium	5.00 ppm
Lead	1.00 ppm	Zinc	10.00 ppm
Mercury	0.05 ppm		

B.2 pH - The pH of submitted liquid chemical product shall be 6-8. The pH limit of liquid chemical product may be waived by the New Jersey Turnpike Authority. The right to waive the pH will be at the discretion of the New Jersey Turnpike Authority. The New Jersey Turnpike Authority's decision to waive the pH requirement shall be in the best interest of the Authority and shall be final.

B.3 Material shall contain 15% MgCl<sub>2</sub> by weight plus or minus 2%

B.4 Material shall contain 21% plus or minus 2% OBPE or equivalent to produce a final material having a eutectic (freezing) point of -20°F or lower.

B.5 A table showing Freezing Point-Specific Gravity for various percentage dilutions of product in water shall be provided. Table shall include data starting from at least 5% product in water and continue to include the percentage product in water to produce the eutectic (lowest freezing point) composition.

B.6 A 3% solution of the corrosion inhibited chemical product shall have a corrosion value of at least 70% less than that of a 3% solution of Sodium Chloride. (Determined by NACE (National Association of Corrosion Engineers) - Standard TM-01-69 as modified by PNS (Pacific Northwest Snowfighters).

B.7 This chemical product shall not contain greater than 4.0% Total Settleable Solids and shall have ninety nine percent (99.0%) of the Solids Passing through a Number 10 sieve after being stored at -17.8°C +/- 1°C (0°F +/- 2°F) for 168 hours.

B.8 An independent certified analysis showing compliance with all the above requirements must be submitted with the bid along with an intended use statement for the product. Exceptions to the requirements must be stated and the New Jersey Turnpike Authority reserves the right to reject the product.

B.9 The bidder must submit a material safety data sheet (MSDS) for the product.

B.10 The bidder must submit a material safety data sheet (MSDS) for the product.



## **Section C**

### **Mixing the Sodium Chloride and Magnesium Chloride/OBPE**

The materials described in Section A and Section B above shall be mixed as described in this section to produce the finished product. Mixing procedures shall comply with all requirements described in this section.

C.1 The New Jersey Turnpike, or any of its authorized representatives, reserves the right to take samples from the contractor's stockpile or transfer point before the salt is mixed with the Liquid Magnesium Chloride and OBPE. Both salt and liquid samples may be taken.

C.2 The contractor will thoroughly mix a minimum of 8 gallons of Liquid Magnesium Chloride and OBPE per ton of salt.

C.3 The contractor will ensure a consistent thorough mix (e.g. spray system, pug mill, conveyor) so that there is maximum coverage of the liquid on the salt crystals. Loader mixing and stockpile injection methods are not acceptable. The contractor must specify the mix method in the bid.

C.4 Trucks hauling the product must be weighed on certified scale with printout after loading the final product (salt and liquid mixture) and prior to arriving at the delivery destination. The weight ticket shall include the net weight of the final product and the stockpile source. The certification must bear the weighmaster's signature. Handwritten weights shall not be acceptable.

C.5 All shipments of finished product shall be accompanied by a ticket indicating the amount of Liquid Magnesium Chloride and OBPE mixed in the finished product. This amount will be indicated on the ticket by gallons.

C.6 The finished product shall be shipped via bulk delivery. Trucks delivering the product shall have the entire cargo area completely covered by a waterproof tarpaulin or similar sheeting material. Torn or ripped covers may be cause for rejection of the shipment.

C.7 The New Jersey Turnpike Authority reserves the right to, at any time, inspect the operation to take salt and liquid product samples, to ensure that the proper amount of liquid product is being applied and that the mix method is appropriate.

## **Section D**

### **Final Product: Rock Salt treated with Liquid Magnesium Chloride and OBPE**

The Treated Salt shall meet the following requirements:

#### **D.1 CONTAMINATION**

Upon inspection of delivered salt, the material shall be uniform in appearance, free flowing and free from visual evidence of foreign matter including but not limited to dirt, stone, chips, trash or any other material that could reasonably be expected to interfere with the use, handling or storage of the salt.

#### **D.2 FLOWABILITY**

Properly stored product (covered or inside storage) shall be uniform and free flowing in a manner consistent with its intended use and shall show no objectionable clumping or caking.

#### **D.3 LEACHING**

Properly stored product (covered or inside storage) shall show no indication of objectionable leaching or separation of components to the extent that such condition produces adverse effects in the handling or usage of the product or routine maintenance of the storage facility.

#### **D.4 CHEMICAL COMPOSITION**

Shall be not less than 91.2% Sodium Chloride. Percent of Sodium Chloride shall be determined as follows: Apparent total percent Sodium Chloride content shall be determined in accordance with current ASTM-D-632. Magnesium and Calcium content shall be determined in accordance with ASTM E-534 and computed as percent Magnesium Chloride and percent Calcium Chloride respectively. Percent Sodium Chloride shall then be computed as follows:

$$\% \text{ Sodium Chloride} = \% \text{ Apparent Sodium Chloride} - (\% \text{ Magnesium Chloride} + \% \text{ Calcium Chloride})$$

#### D.5 SIZE GRADING

The salt, when tested using sieves as described in ASTM-C-136 (\*) shall conform to the following requirements for particle size distribution:

<u>Sieve Size</u>	<u>Percent Passing (**)</u>
1/2" - (12.5 MM)	100
3/8" - (9.5 MM)	95 - 100
No. 4 - (4.75 MM)	20 - 90
No. 8 - (2.36 MM)	10 - 60
No. 30 - (600 Microns)	0 - 15

\* - A drying temperature of  $110^{\circ}\text{C} \pm 5^{\circ}\text{C}$  should be used.

\*\* - Tolerance of 5 percentage points on the maximum value of the range for each sieve except 1/2" (12.5 mm) and 3/8" (9.5 mm) sizes, on which no tolerance will be allowed.

#### D.6 MOISTURE CONTENT

Moisture content shall not exceed 4.8% when determined as follows:

$$\% \text{ Moisture} = (W_1 - W_2) / (W_1) \times 100$$

where:  $W_1$  = Initial weight of sample

$W_2$  = Weight of sample after drying to a constant weight at  $110^{\circ}\text{C} \pm 5^{\circ}\text{C}$ .

NOTE: Procedure shall be in accordance with American Water Works Association B200-88, Section 4.3. A tolerance of 0.5% will be allowed before a non-complying product - moisture - price deduction is assessed.

#### D.7 SAMPLING

Sampling shall be done in accordance with current ASTM-D632. The New Jersey Turnpike Authority, or any of its authorized representatives, reserves the right to take samples from the contractor's stockpile or transfer point.

#### D.8 ACCEPTANCE

The treated salt may be rejected if it fails to conform to any of the requirements of this specification.

## D.9 NON-COMPLYING PRODUCT - PRICE DEDUCTIONS

### D.9.1 Non-Complying Product - Price Deduction - Moisture

If the moisture content of the treated salt is found to be above 5.3%, a deduction for moisture content will be made from the delivered bid price based on the following formula:

Reduced Price/Ton = Delivered Contract Price/Ton x (1.106 - 2x)  
where: X = Moisture content of the sample (expressed as the decimal equivalent of the percentage of the moisture content to the nearest 1%)

### D.9.2 Non-Complying Product - Price Deduction - Gradation (Particle Size Distribution)

If, after delivery, the gradation of the treated salt is found to be out of tolerance, a deduction from the price shall be made based on the following formula:

Reduced Price/Ton = Delivered Contract Price x (1.00 - Y)  
where: Y = the decimal equivalent of the total percentage of the sample out of gradation. The percentage out of tolerance for each sieve shall be to the nearest 1%. The total of the individual sieve tolerance deviations shall be used as Y.

### D.9.3 General

A non-complying product - price deduction is not to be assessed unless the proper analysis and test procedures are followed. If the contractor consistently delivers salt found to be above 2% moisture content or consistently not conforming to the gradation requirements, the contract shall be subject to cancellation either in whole or in parts.

## D.10 CALCULATIONS

Calculations performed relative to this specification shall be made using the rounding off method of "ASTM Recommended Practice E-29 for Designating Significant Places in Specified Limiting Values".

### D.11 Corrosion rating of treated salt

A 3% solution of the treated salt product shall have a corrosion value of at least 50% less than that of a 3% solution of Sodium Chloride. (Determined by NACE (National Association of Corrosion Engineers) - Standard TM-01-69 as modified by PNS (Pacific Northwest Snowfighters)).

## **SECTION E:**

### **Performance and Reliability:**

It is the intent of the New Jersey Turnpike Authority and is in the best interests of Authority patrons, to operate and maintain the safest facility possible, especially during winter storms. The New Jersey Turnpike Authority must be assured that the OBPE must be safe for use on Authority facilities. Therefore the product must meet the performance and reliability specifications listed below:

- E.1 The product must have a five year history of satisfactory use on a facility similar to the New Jersey Turnpike Authority. A similar facility is defined as:

**A HIGH SPEED, HIGH VOLUME LIMITED ACCESS ROADWAY LOCATED IN THE NORTH EAST, NORTH CENTRAL OR NORTH WEST UNITED STATES.**

- E.2 A product must be evaluated by the Authority for a minimum of one winter season. The evaluation will be performed by the following method:

A 1000 ton sample of the product will be acquired by the New Jersey Turnpike Authority for use in a controlled field test. The New Jersey Turnpike Authority will evaluate the product by observing how it performs on Turnpike facilities during various types of winter storms and roadway conditions. The controlled field test will be a minimum of one winter season long in duration. The product will be evaluated for compliance with section E upon completion of the winter season test. A product receiving a successful evaluation will be considered to be in compliance with section E. The New Jersey Turnpike reserves the right, in its sole discretion, to determine how many products it can feasibly test in one winter season.

**Vendors submitting bids for alternate products shall complete the exception page.**

## **Section F:**

### **Training**

- F.1 The successful bidder will be required to provide training to New Jersey Turnpike Authority personnel, **at no additional cost to the Authority,** The purpose of the training is to ensure the proper use and application of the product. Training shall take place at multiple sites, as designated by the Authority. It is anticipated that training will take place at the Authority's maintenance districts. Acceptable training is considered to be classroom training including videotape review and discussion and the use and discussion of product literature and hand-outs. The bidder is requested to specify the type and extent (number of hours) the training. The training information provided by bidders **will not** be used to evaluate bids.

**NEW JERSEY TURNPIKE AUTHORITY  
EXPERIENCE QUALIFICATION QUESTIONNAIRE**

Bidders Shall Complete This Questionnaire In Its Entirety . Any Bidder Who Fails To Complete This Form In Its Entirety Shall Be Considered Non-Responsive And May Result In Rejection Of The Bid.

Name of Firm/\_\_\_\_\_

Business Address\_\_\_\_\_ Phone#\_\_\_\_\_

Name of Individual Signing Bid (Please Print)

\_\_\_\_\_

The product being bid shall have a five year history of satisfactory use on at least one (1) freeway facility similar to the New Jersey Turnpike Authority as identified in Section E1 Please note this history by providing the following reference(s):

Agency's Name:\_\_\_\_\_

Address\_\_\_\_\_

Contact Individual: \_\_\_\_\_ Phone # \_\_\_\_\_

Agency's Name: \_\_\_\_\_

Address \_\_\_\_\_

Contact Individual: \_\_\_\_\_ Phone # \_\_\_\_\_

**PLEASE RETURN THIS FORM WITH YOUR BID SUBMISSION**

## **EXHIBIT A**

### **MAINTENANCE LOCATIONS**

Division	District	Zone	Milepost	Address	City	State	Zip Code
Turnpike	1	I	13.1		Swedesboro	NJ	08085
Turnpike	2	I	37.2		Moorestown	NJ	08057
Turnpike	3	I	56.9		Crosswicks	NJ	08515
Turnpike	4A	II	67.4		Hightstown	NJ	08520
Turnpike	4	II	80.7		Milltown	NJ	08850
Turnpike	5A	II	91.5		Woodbridge	NJ	07095
Turnpike	5	II	100.5		Elizabeth	NJ	07201
Turnpike	6	III	E 113.0		Secaucus	NJ	07094
Turnpike	7	III	N 5.8		Jersey City	NJ	07304
Turnpike	8	III	W 112.8		East Rutherford	NJ	07073
Parkway	1	IV	164.1 SB	501 From Road	Paramus	NJ	07652
Parkway	2	IV	156 NB	740 Rt. 46 W	Clifton	NJ	07013
Parkway	Essex	IV	150.6 NB		Bloomfield	NJ	07003
Parkway	2U	IV	142.7 NB	620 Glenwood Ave.	Hillside	NJ	07205
Parkway	3	V	136.7 SB	New York Ave.	Clark	NJ	07066
Parkway	Chevalier Ave	V	125 NB	Chevalier Ave	Sayreville	NJ	08872
Parkway	4	V	116 SB	Crawfords Corner- Everett Rd.	Holmdel	NJ	07733
Parkway	Asbury	V	104.2 Median		Asbury	NJ	07712
Parkway	Herbertsville	V	94.5 SB		Brick	NJ	08723
Parkway	Pleasant Plains	VI	83.8 Median		Toms River	NJ	08753
Parkway	5	VI	67.7 NB	909 West Bay Ave.	Barnegat	NJ	08005
Parkway	Bass River	VI	52.9 Median		Bass River	NJ	08224
Parkway	6	VI	41 SB	Route 2	Absecon	NJ	08201
Parkway	Great Egg	VI	27.1 SB		Great Egg	NJ	08223
Parkway	7	VI	13.8 SB	110 Avalon Blvd.	Swainton	NJ	08210



[illegible]

Date \_\_\_\_\_